

Appendix of Claims

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12-23-04

Date

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Claims 1-2 (cancelled).

Claim 3 A clamp for a cable support system to suspend an object from an overhead beam comprising:
a generally "C" shaped clamp body;
a threaded fastener threadingly received within one leg of said "C" shaped body to clamp said "C" shaped body onto overhead beam;
a vertical bore through the vertical portion of the "C" of said clamp body for the purpose of receiving a cable that is suspended from said overhead beam;
a conical end portion at the lower part of said bore;
a wedge retainer vertically movable within said bore;
wedges retained by said wedge retainer for the purpose of contacting a cable within said bore and to be forced against said cable by said conical end portion of said bore when said retainer is at the lower part of said bore;
and
a spring to urge said wedge retainer downwardly relative to said bore.

Claim 4 The clamp of claim 3 wherein the wedges release to permit upward movement of a cable relative to said clamp when a cable is inserted into the clamp and forced upwardly.

Claim 5 The clamp of claim 4 wherein said wedge retainer has a threaded portion protruding below said bore with a lock nut threaded onto said wedge retainer lower portion so that after a cable is positioned within said clamp "C" shaped body at the desired height, said lock nut is tightened against said clamp "C" shaped body to lock said wedge retainer and prevent movement of said wedge retainer relative to said bore.

Claims 6-7 (cancelled).

Claim 8 A cable support system for hanging an object at a desired distance below an overhead beam comprising:
a cable;
a clamp having a generally "C" shaped clamp body with a threaded fastener threadingly received within one leg of said "C" shaped body to clamp said "C" shaped body onto said overhead beam and a vertical bore through said clamp body to receive the cable to be suspended from said overhead beam, said vertical bore having a conical lower end portion with a wedge retainer and wedges vertically movable within said bore whereby said wedges contact said lower conical end portion and said cable to wedge said cable into position within said bore, the vertical position of said cable relative to said bore being vertically adjustable by forcing said cable upwardly to release said wedges;
an object to be suspended by said cable at a predetermined height below said

beam; and
means for connecting said cable to said object.

Claim 9 The cable support system of claim 8 wherein said means for connecting said cable to said object includes:

a permanent loop formed on the end of said cable; and
passing said cable around said object and thereafter threading said cable
through said permanent loop formed on the end of said cable and
thereafter threading said cable into said vertical bore in said clamp.

Claim 10 The cable support system of claim 9 wherein the height of said object below said beam is controlled by the amount of said cable threaded upwardly through said vertical bore in said clamp.

Claims 11-13 (cancelled).

Claim 14 The cable support system of claim 8 wherein said clamp vertical bore includes a spring that urges said wedge retainer downwardly relative to said bore.

Claim 15 The cable support system of claim 8 wherein said clamp wedge retainer has a threaded portion protruding below said bore with a lock nut threaded onto said wedge retainer lower portion.

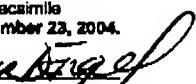
Claim 16 The cable support system of claim 10 wherein said clamp wedge retainer has a threaded portion protruding below said bore with a lock nut threaded onto said wedge retainer lower portion so that after said cable is positioned within said clamp "C" shaped body at the desired height, said lock nut is tightened against said clamp "C" shaped body to lock said wedge retainer and prevent movement of said wedge retainer relative to said bore.

Claims 17-22 (cancelled).

Appendix of Evidence**DECLARATION OF JAMES R. MOON DATED MAY 28, 2004**

The Declaration (dated May 28, 2004) of James R. Moon, an expert in the field, was submitted with Applicant's June 3, 2004 Amendment. Mr. Moon's declaration indicates that the claimed invention is not obvious because there is no motivation to combine the art. The Examiner did not mention the Declaration in the September 17, 2004 Office Action, however, Applicant's counsel confirmed that it was considered in a telephone conversation with the Examiner on November 15, 2004. The six-page Declaration of James R. Moon dated May 28, 2004 is attached to this Appendix.

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